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ADDITIONS TO MUSEUM.

MAMMALS.

COL. GEORGE S. ANDERSON. Fruit Bat (*Pteropus* sp.), Civet Cat (*Vivera tangalunga*), Luzon, Philippines.

P. P. CALVERT. Two skulls of *Lepus*, Chihuahua, Mexico.

W. S. DICKINSON. Skull of melanistic Marsh Hare.

J. G. DILLIN. *Putorius noveboracensis*, Bucks county, Pennsylvania.

W. O. EMERSON. Five skins of mammals, California.

HOWARD FUGUET. Grevy's Zebra (*Equus grevyi*).

GEORGE L. HARRISON, JR. Water Buck (*Kobus*), Red Buck (*Cervicapra*).

DAVID MCCADDEN. Woodchucks (*Marmota monax*), Chester county, Pennsylvania. Old and young. Fœtus of Gray Squirrel.

MEDICO-CHIRURGICAL COLLEGE. Several mammalian embryos.

C. J. PENNOCK. European Ferret.

PURCHASED. Mink (*Putorius vison*), New Jersey.

S. N. RHOADS. Bonaparte's Weasel (*Putorius cicognani*).

BURNETT SMITH. Bull Dog, for skeleton.

H. L. VIERECK. Brown Bat (*Vespertilio fuscus*).

C. L. WILSON. Four Black Rats (*Mus rattus*), Glenolden, Pennsylvania.

ZOOLOGICAL SOCIETY OF PHILADELPHIA. Specimens prepared as follows: Mounted: Antelope Kangaroo (*Macropus antilopenus*), Ratel (*Mellivora indica*), Lioness (*Felis leo*). Skin and skull: Beaver (*Castor fiber*), Himalayan Bear (*Ursus tibetanus*), Panda (*Aelurus fulgens*), Ocelot (*Felis pardalis*), Arabian Gazelle (——— ———), Florida Otter (*Lutra hudsonica vaga*), Central American Puma (*Felis concolor costaricensis*). Skin: Eyra Cat (*Felis eyra*). Skull: Young Steller's Seal (*Eumetopiasstelleri*). Skeleton: Binturong (*Arctictis binturong*).

BIRDS.

COL. GEORGE S. ANDERSON. Twelve skins of Philippine birds and egg of *Megapode*.

C. F. BAKER. Skin of *Icterus hypomelas*, Cuba.

DR. C. BERENS. Goshawk (*Astur atricapillus*), Cape May, New Jersey.

DELAWARE VALLEY ORNITHOLOGICAL CLUB. Six nests and eggs of local birds for the D. V. O. C. Collection.

GEORGE L. HARRISON, JR. Eggs of Maribou Stork, boundary of Soudan and Abyssinia.

PURCHASED. H. B. Tristram collection of bird skins and mounted birds, about 7,000 specimens.

W. E. D. SCOTT. *Trochalopterum canorum*, skin.

EDWARD SINGLETON. Herring Gull (*Larus argentatus*), mounted.

ZOOLOGICAL SOCIETY OF PHILADELPHIA. Skins of *Spindalis pretrei*, *Conurus wagleri*, *Rhamphastos ambiguus*, *Turtur turtur risoria*, *Lagonosticta larvata*, *Buteo*

albicaudata, Goura victoria. Skeleton of *Sagittarius serpentarius.* Egg of *Callocephalon galeatum.*

Reptiles and Batrachians.

Dr. C. C. Abbott. Snake.

R. C. Abbott. Green Snake, Vermont.

Arthur Erwin Brown. Thirty-seven jars of Reptiles and Batrachians.

P. P. Calvert. Horned Toad (*Phrynosoma*), Chihuahua, Mexico.

Dr. D. M. Castle. Two *Anolis principalis,* Tybee Island, Georgia.

C. H. Conner. Two eggs of Water Turtle, Union Mills, New Jersey.

J. W. Corriston. Horned Toad (*Phrynosoma*).

Howard Crawley. Tadpoles of *Rana palustris.*

H. W. Fowler. Collections of Batrachia from various points in Pennsylvania and New Jersey. Red-bellied Terrapin, Dennisville, Cape May county, New Jersey.

H. W. Fowler and T. D. Keim. *Kinosternon* from Neshaminy Creek and collection of Reptiles and Batrachians from Potter county, Pennsylvania.

H. W. Fowler and Witmer Stone. Collection of Reptiles and Batrachians, York Furnace, York county, Pennsylvania.

Medico-Chirurgical College. Several Reptiles.

Francis Pennell. *Rana clamata* and *catesbiana, Acris gryllus* and *Plethodon,* Wawa, Delaware county, Pennsylvania.

S. N. Rhoads. *Acris gryllus,* Nockamixon, Pennsylvania.

C. F. Sands. Ground Rattlesnake, Kansas.

O. P. Satterthwaite. Milk Snake, *Ophibolus g. doliatus,* Wawa, Pennsylvania.

S. L. Shumo. Young *Terrapene carolina,* Glenmoor, Chester county, Pennsylvania.

Dr. H. Skinner. Three Lizards, Idaho.

Witmer Stone. Wood Frog (*Rana sylvatica*), Medford, New Jersey.

George B. Wood. Head of Sea Turtle, Florida. Snake, West Palm Beach, Florida.

Dr. H. C. Wood. Several Reptiles, Jamaica.

H. A. Van Vleck. Eggs of King Snake, Florida.

Zoological Society of Philadelphia. *Spilotes corais,* intermediate between *couperi* and *melanurus*; Leopard Tortoise, *Clemmys marmoratus.*

Fishes.

C. C. Abbott, M.D. Blennoid Fish from Oyster.

R. C. Abbott. Collection of Fishes from Nantucket, Massachusetts.

J. G. Dillin. *Pomoxis,* Bucks county, Pennsylvania.

W. J. Epting. *Gasterosteus atkinsii,* Jackman, Maine.

H. W. Fowler, C. C. Abbott, M.D., and T. D. Keim. Collection of Fishes, Crosswicks Creek, New Jersey.

H. W. Fowler and David McCadden. Collection of Fishes, Stone Harbor, New Jersey.

H. W. Fowler and T. D. Keim. Collections of Fishes, Neshaminy Creek,

Pennsylvania, and headwaters of the Allegheny, Genesee and Susquehanna Rivers.

H. W. FOWLER and WITMER STONE. Collection of Fishes, York Furnace, York county, Pennsylvania.

H. W. FOWLER and C. J. HUNT. Collection of Fishes, Pensauken Creek, New Jersey.

H. W. FOWLER. Collections of Fishes from Cape May, New Jersey, Emporium and Bristol, Pennsylvania.

WILLIAM J. FOX. Two barrels of Fish and thirty-one additional specimens from Sea Isle City, New Jersey, including the Eagle Ray (*Myliobates freminvillii*), Thread Herring (*Clupanodon oglinum*), Gar (*Tylosurus raphidoma*), Halfbeak (*Hemiramphus brasiliensis*), Angel Fish (*Pomacanthus arcuatus*), Sail Fish (*Istiophorus nigricans*).

GEORGE Z. HARTMAN. Collection of Fishes, Palermo, New Jersey.

S. P. HEILMAN. Goldfish.

C. A. HIGGINS. Series of Food Fishes from Great Lakes.

P. LORRILLIERE. Brook Trout (*Salmo fontinalis*), Pennsylvania.

H. A. PILSBRY. Perch and several Eels, Delanco, New Jersey.

DR. H. SENIOR. Two Fish, *Hiodon* and *Coregonus*.

DR. H. SKINNER. Jar of Fish, Idaho.

U. S. FISH COMMISSION. Collection of Fishes.

U. S. NATIONAL MUSEUM. *Citharichthys microstomus*, Ocean City, New Jersey.

GEORGE B. WOOD. Skeleton of Puffer; jaws of Shark; bones of Barracuda; collection of Fishes, West Palm Beach, Florida.

INSECTS.

WILLIAM BEUTENMULLER. Two hundred Coleoptera, North Carolina.

C. R. BIEDERMAN. Eight Coleoptera, Arizona.

P. BIOLLEY. Eighty-nine Orthoptera, Costa Rica.

BROOKLYN INSTITUTE. Eighteen Orthoptera, South America and Tonkin.

A. E. BROWN. Three Mallophaga, Philadelphia.

L. BRUNER. One Orthoptera, British Guiana.

P. P. CALVERT. Six insects, New York, and four hundred and sixty insects from Mexico.

D. M. CASTLE. Twelve Coleoptera, United States.

T. D. A. COCKERELL. Two Hymenoptera, Colorado.

E. T. CRESSON. One Hymenoptera, United States.

J. C. CRAWFORD. Twenty-five Hymenoptera, Costa Rica, and one, Nebraska

E. DAECKE. Ten Diptera, New Jersey.

H. W. FOWLER. Twenty-seven insects, Pennsylvania.

W. J. FOX. Twelve Coleoptera, New Jersey.

JOSEPH GRINNELL. Thirty Orthoptera, California.

F. HAIMBACH. Four Lepidoptera, New Jersey.

H. D. HOCHENBERRY. Specimen of wood bored by Bees.

CARL ILG. Thirty Lepidoptera, Philadelphia.

G. M. GREENE. Three hundred and five insects from Pennsylvania.

M. HEBARD. Twenty-five Orthoptera, Jerusalem.

BAYARD LONG. Seventy-five Orthoptera, Pennsylvania and New Jersey.

D. N. McCadden. Four Diptera, New Jersey.

R. E. Nicholson. One Lepidoptera, Pennsylvania.

H. A. Pilsbry. One hundred and seventy-five insects, Arizona.

Dr. C. W. Richmond. Two Spiders, Pennsylvania.

Henry Skinner. Fifty-nine Lepidoptera, United States.; forty-five Lepidoptera, California; fifty Odonata, Idaho; seventy Lepidoptera, Colima, Mexico; twenty-seven Diptera, Idaho; five Lepidoptera, Japan; two Odonata, Yellowstone Park; fourteen Odonata, Pennsylvania; thirty-three Lepidoptera, Idaho.

Witmer Stone. One hundred and thirty-nine insects, Minnesota.

H. L. Viereck. Fifty-nine Diptera, New Jersey; fifty-three Hymenoptera, Pennsylvania; twenty-five insects, United States.

H. W. Wenzel. Eighteen Coleoptera, Europe.

H. E. Wetherell. Thirty-three insects, Panama.

H. F. Wickham. Eight Coleoptera, United States.

Joseph Willcox. Scorpion, Florida.

Mollusca.

Mrs. Helen G. Abbott. *Pyramidula alternata* Say and *Lymnæa megasoma* Say from Lake Minnetonka, Minnesota.

Jacob Aebly. *Viviparus malleatus* Rve., five and one-half years old, raised in an aquarium.

A. and J. Baily. Eight trays of American land and marine shells.

C. F. Baker. Ten trays of Cuban marine shells.

F. C. Baker. Nine species of American fresh-water shells.

W. T. Bednall. Four Chitons from Port Elliott, South Australia.

Bernice Pauahi Bishop Museum. Fifteen species of Hawaiian Island land shells in exchange.

C. R. Biederman. *Pisidium* from Reef, Arizona.

Fortunato Bonis. Fifteen species of land shells from Cauca, Colombia.

J. Chester Bradley. Three trays of fresh-water shells from the Selkirk Mountains, British Columbia.

Stewardson Brown. Thirty-three species of land and marine shells from Bermuda, and twenty trays of land and fresh-water shells from British Columbia.

George H. Clapp. Four species of land and fresh-water shells from North America.

T. D. A. Cockerell. Twelve trays of land and fresh-water shells from New Mexico.

H. S. Colton. *Strombus pugilis L.* from Clearwater Harbor, Florida.

Charles H. Conner. Two Unios from the Delaware River.

L. E. Daniels. *Segmentina crassilabris* Wkr. from White and Knox counties, Indiana.

Dr. S. G. Dixon. Three species of fresh-water shells from Puzzle Lake, Ontario.

J. H. Ferriss. Six species of Western land shells.

H. W. Fowler. Fifteen trays of shells from Potter and McKean counties, Pennsylvania.

William J. Fox. *Loligo* from Sea Isle City, New Jersey.

L. S. Frierson. Three species of land shells from near Frierson, Louisiana.

B. W. GREENWOOD. One pearl from *Ostrea virginica* Gmel.

A. GULICK. *Eulota blakeana* from Sapporo, Japan.

DR. HARSHBERGER. Five land shells from Harrington Sound, Bermuda.

MORGAN HEBARD. Eight species of Achatinella.

C. HEDLEY. *Tellina fabrefacta* Pils. from Masthead Island, Queensland.

ANGELO HEILPRIN. *Cerion uva* L. and *Tudora megacheila* P. M., Curaçao.

J. B. HENDERSON. JR. *Opeas gracile* Hutt from Port au Prince, Haiti, and *Zonitoides arborea* Say from Cazenovia, New York.

JUNIUS HENDERSON. Eight trays of land and fresh-water shells from Colorado.

DR. H. M. HILLER. Nine species of Cuban land shells.

A. A. HINKLEY. Four fresh-water shells from Alabama.

Y. HIRASE. A *Sitala* from China.

MRS. AGNES F. KENYON. Twenty-nine species of marine shells from Victoria, Australia.

N. W. LERMOND. Twenty trays of land shells from Maine.

H. H. LEWIS. An *Octopus* from Bahama Islands.

MISS E. L. LUNDY. Fourteen trays of marine and fresh-water shells.

DR. F. M. MACFARLAND. *Physa* from Grand Canyon, Arizona.

J. G. MALONE. Sixteen trays of land and fresh-water shells from Washington and Oregon.

R. V. MANN. *Oreohelix depressa* Ckll. from near Boulder, Colorado.

W. E. MEEHAN. *Margaritana margaritifera* L. from Still Creek, Schuylkill county, Pennsylvania.

MILWAUKEE PUBLIC MUSEUM. Seventy trays of fresh-water shells.

CLARENCE B. MOORE. Seventy-three trays of land and fresh-water shells from Georgia, Alabama and Florida.

DR. WILLIAM A. NASON. Three species of land shells.

F. PENNELL. Two land shells from Wawa, Pennsylvania.

H. A. PILSBRY. Three hundred and nineteen trays of land and fresh-water shells.

PURCHASED. The J. Gulick Collection of Hawaiian land shells, containing five hundred and sixty-five trays. Three hundred and thirty-one trays of Alabama fresh-water shells, collected by H. H. Smith.

J. A. G. REHN. Six trays of fresh-water shells from Cornwells, Bucks county, Pennsylvania.

S. N. RHOADS. Sixty-four trays of land and fresh-water shells from Eastern United States.

J. RITCHIE, JR. Twenty-one trays of land and marine shells.

MRS. SCHAEFFER and MISS JAMES. Six species of land and fresh-water shells from British Columbia.

DR. B. SHARP. Two trays of *Ostrea virginica*.

DR. H. SKINNER. Seven trays of land and fresh-water shells from Idaho, Montana and Indiana.

DR. V. STERKI. Two land shells from Ohio.

WITMER STONE and H. W. FOWLER. Twelve trays of land and fresh-water shells from Pennsylvania and Minnesota.

D. THAANUM. Seven Hawaiian land shells.

W. G. TORR. Seven Chitons from South Australia.

DR. R. H. TREMPER. *Epiphragmophora tudiculata* Binn. from Ontario, California.

E. G. VANATTA. Fifteen trays of land shells from the Eastern United States.

T. VAN HYNING. Three trays of land and fresh-water shells from Iowa.

H. L. VIERECK. Five species of land and marine shells from Connecticut and New Jersey.

BRYANT WALKER. Thirteen species of land and fresh-water shells from Michigan, Minnesota and Indiana.

WALTER F. WEBB. Twelve species of East Indian land and fresh-water shells.

REV. W. H. WEBSTER. Ten species of *Monodonta* and *Calliostoma* from New Zealand.

EDWARD E. WILDMAN. *Purpura lapillus* L. from Greenings Island, Maine, and Woods Hole, Massachusetts.

J. WILLCOX. Two species of fresh-water and marine shells from Sarasota Bay, Florida.

H. T. WOLF. *Lymnæa stagnalis* L. from an aquarium.

WORMS.

DR. H. C. CHAPMAN. Three bottles of *Polychæta*, two *Myzostoma* and a Nematode.

H. B. DAVIS. *Tænia serrata.*

H. W. FOWLER. *Erpobdella punctata, Gordius, Placobdella.*

W. J. FOX. *Ascaris* from Codfish.

C. B. MOORE. *Fridericia*, Florida.

J. P. MOORE. *Planaria gonocephala* and *Glossiphonia, Dasychone* and *Pomatostegus*; three hundred and thirty-eight bottles of *Polychæta.*

DR. C. B. PENROSE. *Plychobothrium* and *Filaria immitis.*

PROF. C. E. PORTER. *Glossiphonia* and *Geoplana.*

MRS. CHARLES SCHAEFFER. *Planaria*, British Columbia.

MISSES STEVENS and BORING. Four bottles of *Planaria morgani*, including the type.

PROF. A. L. TREADWELL. Twelve species of *Polychæta.*

E. G. VANATTA. *Allolobophora longa*, Maryland.

W. M. WHEELER. Nine species of *Myzostomata*, including several cotypes.

CRUSTACEA, ECHINODERMATA, ETC.

DR. H. C. CHAPMAN. Sixty-two jars of invertebrates from Naples, Italy.

WILLIAM J. FOX. A Starfish from Sea Isle City, New Jersey.

MRS. AGNES F. KENYON. One jar of Crustacea from Victoria, Australia.

MISS E. L. LUNDY. Two corals.

S. EDWARD PASCHALL. One jar of Hermit Crabs from the south coast of Haiti.

H. L. VIERECK. A Starfish from Double Beach, Connecticut.

J. WILLCOX. A jar of Scorpions from Sarasota Bay, Florida.

HELEN WINCHESTER. *Lepas* from Ocean Grove, New Jersey.

WOODS HOLE BIOLOGICAL STATION. Ten Barnacles from Woods Hole, Massachusetts.

ARCHÆOLOGY.

DR. CYRUS A. PETERSON. Model of Moreles Mound, Illinois.

E. P. COWELL. Cast of head of Negro.

CLARENCE B. MOORE. Numerous additions to the C. B. Moore Collection of Indian pottery, etc., from the mounds of Southern Atlantic and Gulf States.

INVERTEBRATE FOSSILS.

CLARENCE B. MOORE. Two trays of fossil invertebrates from Georgia and Florida.

C. AULOMETTE SHEPARD. *Latirus floridanus* Heilpr. from Tampa, Florida.

JOSEPH WILLCOX. Seventy species of fossils from the Eastern United States.

MRS. W. S. BOWEN. Several fossil invertebrates.

MINERALS, ETC.

MISS E. L. LUNDY. Miscellaneous collection of rocks, etc.

J. L. NORTH. Mill cinder (supposed meteorite), Sewell, New Jersey.

E. A. PITMAN. Collection of minerals and rocks.

HENRY A. SCHWEYER. Serpentine slab, Easton, Pennsylvania.

DR. BENJAMIN SHARP. Iron ore, Michigan.

WILLIAM S. VAUX COLLECTION. Numerous specimens purchased.

PLANTS.

STEWARDSON BROWN. Collection of Florida plants.

JOSEPH CRAWFORD. One hundred and fifty plants from various localities.

JOSEPH CRAWFORD, BAYARD LONG and S. S. VAN PELT. One hundred and twenty plants from the Adirondack Mountains, New York.

DR. JOHN W. HARSHBERGER. Fifty-five plants from Vermont.

DR. IDA A. KELLER. One hundred plants, Glen Onoko, Pennsylvania, and Cape Vincent, New York.

BAYARD LONG. Fifty plants, Pocono region of Pennsylvania.

NEW YORK BOTANICAL GARDENS. General collection of about 1,100 specimens, in exchange; principally from Southern California, Central America and the West Indies.

PHILADELPHIA BOTANICAL CLUB, THROUGH VARIOUS OF ITS MEMBERS. Two thousand plants.

BENJAMIN H. SMITH. Small collection of plants from various localities.

WITMER STONE. Eighty-five specimens of plants from Minnesota.

UNITED STATES NATIONAL MUSEUM, IN EXCHANGE. Specimens of *Viola painteri, Townsendia wilcoxiana* and *Phillopterus macrorhizus*.

CHARLES S. WILLIAMSON. Fifty plants from various localities.

FRANCIS WINDLE. Specimen of *Panicum philadelphicum*.

ACADEMY EXPEDITIONS. Canadian Rocky Mountains, Stewardson Brown collector, four thousand specimens. Arizona, Dr. H. A. Pilsbry collector, two hundred and fifty specimens.

BOTANICAL SECTION—PLANTS PURCHASED. J. W. Blankenship, Montana, 583; A. A. Heller, Western America, 1,403; A. O. Garrett, Utah, 100; Charles H. Shaw, Selkirk flora, 545.